#Exercise 1-1\
Supervised learning\
When previous examples are taken into account and data is distinguished based upon it.(*Comparisons!*)

Unsupervised learning\
When data is disinguished without previously known examples.

##Association rule mining:\
In which grade different sets of data supports each other

##Clustering:\
Putting information together in clusters

##Outlier detection\
Detection of rare coincidences that are different from majority of data

##Classification\
Assigning different pieces of data to different classes. e.g putting a mail into spam or non-spam.

(a) Optical character recognition/OCR:\
unsupervised learning, classification

(b) Computer Aided Diagnosis:\
supervised learning, classification

(c) Cheat Detection:\
supervised learning, Outlier detection

(d) Recommendation systems:\
supervised learning Association rule mining

(e) News Aggregation:\
unsupervised, Clustering